

Patent Abstracts of Japan

PUBLICATION NUMBER : 10039193
PUBLICATION DATE : 13-02-98

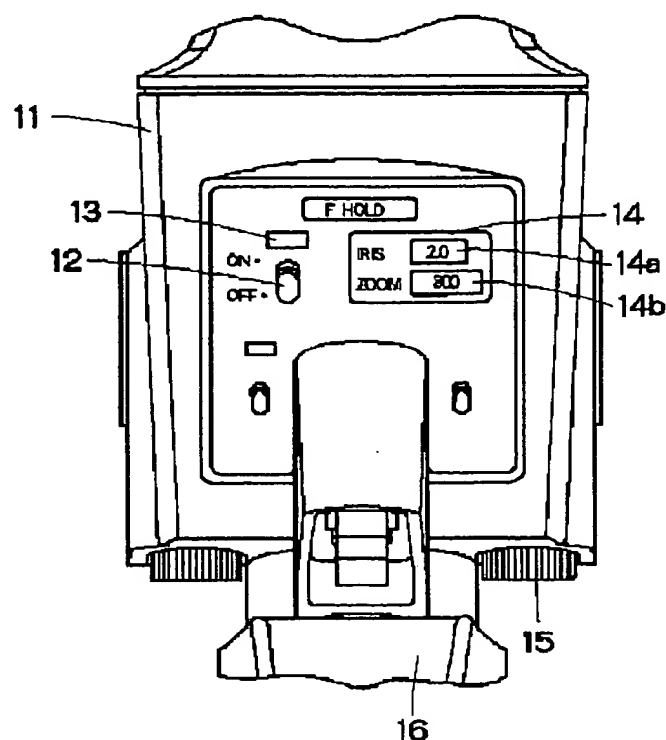
APPLICATION DATE : 25-07-96
APPLICATION NUMBER : 08215409

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INT.CL. : G02B 7/10 G03B 17/18

TITLE : ZOOM CONTROLLER



ABSTRACT : PROBLEM TO BE SOLVED: To enable a cameraman to confirm the change of zoom range and diaphragm value in a zoom controller.

SOLUTION: A zoom range setting switch 12 having a function for setting the zoom range according to diaphragm value, an LED 13 turned on when the switch 12 is in an on-state, and a display panel 14 displaying the set zoom range and the diaphragm value are provided on a zoom controller main body 11; and the upper stage of the panel 14 show the diaphragm value 14a and a zoom limit value 14b, respectively. By operating the thumb ring 16 of the zoom controller and performing zooming when the switch 12 is in the on-state, the speed signal of a command value is outputted and a diaphragm position is detected by a diaphragm position detecting sensor, then the signal is converted from the speed signal to a position signal in a CPU. Furthermore, the zoom range where light quantity is not lowered and which is calculated from a diaphragm position signal is calculated so as to decide a limit position. The diaphragm value 14a and the zoom limit value 14b at such a time are displayed on the panel 14.

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